



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
Attorney Docket No. 003248.00040

In re U.S. Patent Application of Artz, et al. )  
Application No. 10/005,656 )  
Filed: December 4, 2001 ) Examiner: Fiorilla, C.  
For: Methods and Apparatus for Preparation )  
of Three-Dimensional Bodies ) Art Unit: 1731

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**SECOND SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
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Sir:

Pursuant to 37 CFR §§1.97-1.98, applicants wish to make the following references of record in the above-identified application. Copies of the references cited below are enclosed. The references also are listed on the enclosed and completed Form PTO/SB/08A.

Some of the references listed below were cited in International Search Reports dated February 25, 2003, February 28, 2003 and March 6, 2003 (copies are enclosed) from co-pending applications (Serial No. 10/005,656, 10/005,683 and 10/005,084) all of which are directed to similar subject matter as the present application. These references may be material to the patentability of the presently pending claims.

Additionally, this Information Disclosure Statement is filed under 37 C.F.R. § 1.97(e) and contains information first cited in a communication from a foreign Patent Office in a counterpart foreign application not more than three months prior to the filing of this IDS.

06/24/2003 MGBREM1 00000038 190733 10005656

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This Information Disclosure Statement is filed under 37 CFR §1.97(c) after the mailing of a first Office Action on the merits. Accordingly, the Commissioner is authorized to charge the \$180 filing fee to Deposit Account No. 19-0733 for filing this Information Disclosure Statement.

### REFERENCES

#### U.S. Publications

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| 1. | 20020237384 | Mulligan et al. | September 12, 2002 |
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| 8. | 5,588,997 | Lysson et al.    | December 31, 1996 |
| 9. | 5,679,157 | Milliman         | October 21, 1997  |

#### Other Prior Art - Non Patent Literature Documents

10. PCT International Search Report mailed February 25, 2003, (PCT/US02/38804).
11. PCT International Search Report mailed February 28, 2003, (PCT/US02/38654).
12. PCT International Search Report mailed March 6, 2003, (PCG/US02/38680)

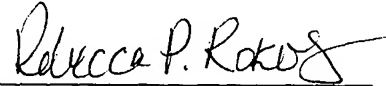
#### Non-Patent Literature Documents

13. T. DAXNER, H.J. BÖHM, and F.G. RAMMERSTORFER, "Mesoscopic Simulation of Inhomogeneous Metallic Foams with Respect to Energy Absorption," *Computational Materials Science* 16, pp. 61-69 (1999).
14. MARK A. JANNEY, STEPHEN D. NUNN, CLAUDIA A. WALLS, OGBEMI O. OMATETE, RANDY B. OGLE, GLEN H. KIRBY, and APRIL D. MCMILLAN, "Gelcasting," *The Handbook of Ceramic Engineering*.
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Respectfully submitted



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|------------------------|------------------|
| Application Number     | 10/005,656       |
| Filing Date            | December 4, 2001 |
| First Named Inventor   | Mulligan et al.  |
| Group Art Unit         | 1731             |
| Examiner Name          | Fiorilla, C.     |
| Attorney Docket Number | 03248.00040      |

## U.S. PATENT DOCUMENTS

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## FOREIGN PATENT DOCUMENTS

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|   |   | Examiner Name            | Fiorilla, C.     |
|   |   | Attorney Docket Number   | 03248.00040      |
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| OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS |                          |   |  |
|--|--------------------------|---|--|
| Examiner<br>Initials *                             | Cite<br>No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. |  |
|  |                          | PCT International Search Report mailed February 25, 2003, (PCT/US02/38804).   |  |
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